

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	41	("metal halide" HID "high energy discharge") and (((run running start starting) near2 up) same (DC "direct current") same temperature)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 11:09
L14	31	13 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 11:09
L25	21	("metal halide" HID "high energy discharge") and (((warm run running start starting) near2 up) same ((DC "direct current") with (no none zero)))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 11:39
L26	16	25 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 11:39
L27	2432	313/113-115.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/05 13:46
L28	56	L27 and (asymmetric \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/05 13:46
L29	1428	313/113.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/05 13:49
L30	1211	L29 not ("2005".ay. "2005".py. "2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 13:49
L31	29	L30 and "first electrode" and "second electrode"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 13:49
L32	265	30 and (cross\$1section "cross section")	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 13:51

L33	19	30 and (vessel with shape)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 13:55
S1	1	"10597715"	US-PGPUB; USPAT	OR	ON	2009/05/01 17:24
S2	27	(josephus near4 hendricx).in.	US-PGPUB; USPAT	OR	ON	2009/05/01 17:25
S3	7	(theodorus near4 VOS).in.	US-PGPUB; USPAT	OR	ON	2009/05/01 17:25
S4	433	313/637.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/04 10:38
S6	10	S4 and segregat\$3	US-PGPUB; USPAT	OR	ON	2009/05/04 10:39
S7	307	362/538.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/04 10:49
S8	1	S7 and segregat\$3	US-PGPUB; USPAT	OR	ON	2009/05/04 10:49
S10	1230	("metal halide" HID "high energy discharge") and segregat\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 10:50
S11	34	S10 and "direct current"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 10:50
S13	11	S10 and ("focal point" same reflector)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 10:54
S14	11	("4064418"   "4143301"   "4360758"   "4937501"   "5569984"   "5572093"   "6034489"   "6144172"   "6175199").PN. OR ("6369518").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 10:57
S15	10	("4928038"   "5262701"   "5698948"   "5828178"   "6242851"   "6369518"   "6441564"   "6717364"   "6958580").PN. OR ("7049768").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 11:18
S16	157	("metal halide" HID "high energy discharge") and (segregat\$3 same (density "spatial distribution" distribution))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 11:23

S17	4	S16 and (direct adj current)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 11:24
S18	78	S16 and reflect\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 11:24
S20	3	"6400100".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 11:28
S21	79	S16 not S18	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 11:32
S22	9	("20010003411"   "4621216"   "4808876"   "5083059"   "5113121"   "5525863"   "6147453"   "6294870"   "6844676").PN. OR ("7233109").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 11:55
S23	27	(josephus near4 hendricx).in.	US-PGPUB; USPAT	OR	ON	2009/05/04 12:00
S24	7	(theodorus near4 VOS).in.	US-PGPUB; USPAT	OR	ON	2009/05/04 12:00
S25	33	S23 S24	US-PGPUB; USPAT	OR	ON	2009/05/04 12:00
S26	148	("koninklijke phillips electronic").as.	US-PGPUB; USPAT	OR	ON	2009/05/04 12:16
S27	7	("5563777"   "5798620"   "5907196"   "6133695"   "6175199"   "6369518"   "6979958").PN. OR ("7432665").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 12:30
S28	6167	("metal halide" HID "high energy discharge" head\$1lamp (vehicle near2 lamp)) and ((segregat\$3 same (density "spatial distribution" distribution)) ((ion particle) with (density distribution)))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 12:36
S29	313	S28 and horizontal and (DC "direct current")	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 12:37

S30	154	S29 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 12:38
S31	450	S28 and (horizontal longitudinal) and (DC "direct current")	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 12:58
S32	244	S31 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 12:58
S33	90	S32 not S30	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 12:58
S34	6104	("metal halide" HID "high energy discharge" head\$1lamp (vehicle near2 lamp)) and ((ion particle) with (distribution density))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:03
S35	1475	S34 and (horizontal longitudinal)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:04
S36	385	S35 and (DC "direct durrent")	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:04
S37	206	S36 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:04
S38	0	S37 not S32	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:04
S39	80	S37 not S30	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:05
S40	219964	313/623-625, 634-637, "493", "318.12", "570"	US-PGPUB; USPAT	OR	ON	2009/05/04 13:12
S41	246	S40 and ((ion particle) with (density distribution)) and (horizontal longitudinal) and (DC "direct current") and (halide Xenon Xe)	US-PGPUB; USPAT	OR	ON	2009/05/04 13:13

S42	130	S41 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:13
S43	307	362/538.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/04 13:16
S44	1	S43 and ((ion particle) with (density distribution))	US-PGPUB; USPAT	OR	ON	2009/05/04 13:56
S45	25	S4 and ((ion particle) with (density distribution))	US-PGPUB; USPAT	OR	ON	2009/05/04 13:57
S46	25	S4 and ((ion particle) with (density distribution gradient))	US-PGPUB; USPAT	OR	ON	2009/05/04 13:59
S47	433	313/637.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/04 14:20
S48	25	S47 and ((ion particle) with (density distribution gradient))	US-PGPUB; USPAT	OR	ON	2009/05/04 14:20
S49	1160	("metal halide lamp") and ((segregat\$3 same (density "spatial distribution" distribution gradient)) ((ion particle) with (density distribution)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/04 14:27
S50	10	("metal halide lamp") and (segregat\$3 same ((density "spatial distribution" distribution gradient) with (ion particle)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/04 14:29
S51	1160	("metal halide lamp") and ((density "spatial distribution" distribution gradient) with (ion particle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/04 14:31
S52	533	S51 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 14:31
S53	356	S52 and reflect\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 14:33
S54	104	S53 and (DC "direct current")	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 14:33

S55	1	S25 and (running-up)	US-PGPUB; USPAT	OR	ON	2009/05/04 15:21
S56	6	S25 and ((power\$3 start\$3) with up)	US-PGPUB; USPAT	OR	ON	2009/05/04 15:21
S57	1	("metal halide lamp") and ((density "spatial distribution" distribution gradient) with (ion particle)) and (segregat\$3 (color near2 separat\$3) dim \$3)	DERWENT	OR	ON	2009/05/04 15:46
S58	464	("metal halide lamp") and ((density "spatial distribution" distribution gradient) with (ion particle)) and (segregat\$3 (color near2 separat\$3) dim \$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/05/04 15:49
S59	188	S58 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 15:50
S60	24	("4241382"   "4460939"   "5021928"   "5099168"   "5469337").PN. OR ("5574328").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 16:00
S61	2432	313/113-115.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 16:06
S62	91	S61 and (segregat\$3 (color near2 separat \$3) dim dimmer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 16:07
S63	36	S62 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 16:08
S64	58	("3341731"   "3378713"   "3862449"   "4138621"   "4253037").PN. OR ("4799135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 16:12
S65	51	("4799135").URPN.	USPAT	OR	ON	2009/05/04 16:20
S66	10	S25 and ("run up" "start up" running starting)	US-PGPUB; USPAT	OR	ON	2009/05/04 18:04

S67	87	S7 and ("run up" "start up" running starting)	US-PGPUB; USPAT	OR	ON	2009/05/04 18:06
S68	340	("metal halide" HID "high energy discharge") and (((run running start starting) near2 up) with current)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 18:07
S69	208	S68 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 18:08
S70	112	("metal halide" HID "high energy discharge") and (((run running start starting) near2 up) with (DC "direct current"))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 18:10
S71	71	S70 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 18:11
S72	2	S61 and assymetric\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 19:03
S73	433	313/637.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/04 19:06
S74	1428	313/113.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/04 19:31
S75	1211	S74 not ("2005".ay. "2005".py. "2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 19:31
S76	13	S75 and asymmetric	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 19:32
S77	56	S61 and (asymmetric \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 19:33
S78	34	S77 not ("2005".ay. "2005".py. "2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 19:33
S79	21	S78 not S76	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 19:33

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